

AMPHITHEATER



CAREER & TECHNICAL EDUCATION

**Instructor:**

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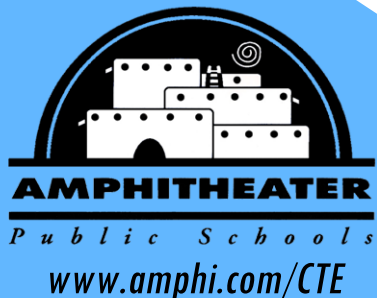
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**Offered at:**



Leads into the following  
**College Majors:**

- Welding
- Aerospace Engineering
- Architectural Engineering
- Civil Engineering
- Environmental Engineering
- Mechanical Engineering
- Mining Engineering



# Welding Technologies



## In this course, students:

- Develop skills in various aspects of the welding industry including oxy-fuel cutting, mig welding, tig welding, and stick welding.
- Learn how to read blueprints and symbols in order to decipher what welds need to be made.
- Operate various other power tools used in the welding industry.
- Become proficient in shop safety practices.
- Compete in Skills USA competitions

## Industry Certifications:

- OSHA 10-hour General Industry

## Possible Career Pathways:

- |                       |                          |                            |
|-----------------------|--------------------------|----------------------------|
| - Industrial Designer | - Fabricator             | - Cutting Machine Operator |
| - Materials Engineer  | - Metallurgical Engineer | - Welding Inspector        |

*"Welding gives me the chance to  
be creative in a way that only I can do."*

~ Tucker Woods, Amphi High Senior